		Case: RO-3951					
As a below-named Inventor, I hereby My Residence, Post Office address at		tated below next	to my name.				
l believe that I am the original, firs	st and sole inventor						
igotimes I believe I am an original, first and	joint inventor						
of the subject matter which is claime VOLTAGE AND PROTECTION A							
abo Considiration of subject				•			
the Specification of which is attached hereto	•		•				
was filed on	as II C Applicatio	n or PCT Internat	ional Analication I	ulo.			
and was amended on			ional Application i				
		•	- d O 'E'	atternation and the second and			
I hereby state that I have reviewed and up by any amendment referred to above.	nderstand the contents o	t the above-identific	ed Specification, incl	uding the claims, as amended			
I acknowledge the duty to disclose infor Code of Federal Regulations, §1.56.	mation which is materia	I to the Examinatio	n of the Application	in accordance with Title 37,			
I hereby claim foreign priority benefits a Inventor's Certificate listed below and ha	ve also identified below	any foreign Applic					
filing date before that of the Application of	n which priority is claim	ea:		Priority			
	PRIOR FOREIGN A	APPLICATION(S)		Claimed			
Number:	Country:	D	ate Filed:	<u> </u>			
Number:	Country:		ate Filed:	-			
I hereby claim the benefit under Title 35,	United States Code, §11	9(e) of any United S	States provisional Ap	plication(s) listed below.			
Application Number:		Date Filed:					
Application Number:		Date Filed:					
the first paragraph of Title 35, United Sta Code of Federal Regulations, §1.56 which filing date of the Application.	n occurred between the	-					
Application Number:		<u></u>	Status: _	· · · · · · · · · · · · · · · · · · ·			
Application Number:	Date Filed:		Status: _				
Application Number:	Date Filed:		Status: -				
I hereby appoint Dallas F. Smith c/o Northern Telecom Limited, Patent Department, P.O. Box 3511 Station C, Ottawa, Ontario, Canada, K1Y 4H7, Registration No. 34,074 and telephone no. (613) 721- 3014 as my Agent to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.							
I hereby declare that all statements made are believed to be true, and further that made are punishable by fine or imprison false statements may jeopardize the validi	these statements were r nent, or both, under Sec	made with the know tion 1001 of Title	vledge that willful fa 18 of the United Sta	alse statements and the like so			
Full Name of First or Sole Inventor: Martin R. Handforth	Signature of	of First Inventor:	~	Date: Dec 8, 1998			
Residence Address:		The state of the s	Country	of Citizenship:			
42 Tiffany Crescent, Kanata, Ontario	, Canada, K2K 1W2		Canada				
Post Office Address: 42 Tiffany Crescent, Kanata, Ontario	, Canada, K2K 1W2			•			
Full Name of Second Inventor (if any):	Signature o	of Second Inventor:		Date:			
Gerard J. Hupe Residence Address:	Dera	do grap	Country	Dec 9.1998			
137 Knoxdale Rd., Nepean, Ontario,	Canada K2G 1A8	, ,	Canada	of Citizenship:			
Post Office Address: 137 Knoxdale Rd., Nepean, Ontario,			100000				
Full Name of Third Inventor (if any):		of Third Inventor		Date:			
Donald S. McGinn	Darold	of Third Inventor:		1998-12-08			
Residence Address: 104 Mockingbird Lane, R.R. #3, Ash	ton, Ontario, Canada,	KOA 1BO	Country Canada	of Citizenship:			
Post Office Address: 104 Mockingbird Lane, R.R. #3, Ash	ton, Ontario, Canada,	KOA 1BO	<u> </u>				

•	· · · · ·	Page 2				
- 1	Full Name of Fourth Inventor (if any): Rolf G. Meier	Signature of Eduta Gventor:		Date: 8, 1998		
	Residence Address: R.R. #2, Carp, Ontario, Canada, KOA 1LO Post Office Address: R.R. #2, Carp, Ontario, Canada, KOA 1LO		Country of Canada	of Citizenship:		
	Full Name of Fifth Inventor (if any):	Signature of Fifth Inventor:		Date:		
	Canute Planthara	futto mon	_	Dec 8/98		
	Residence Address:		Country	of Citizenship:		
- 1	1924 Lauder Dr., Ottawa, Ontario, Canada, K2A 1B1 Canada Post Office Address:					
	924 Lauder Dr., Ottawa, Ontario, Canada, K2A 1B1					
	Full Name of Sixth Inventor (if any): Raymond K. Wong	Signature of Sixth Inventor:		Date: DEC 8, 1998		
- 1	Residence Address: Countr 199 Barrow Crescent, Kanata, Ontario, Canada, K2L 2K9 Canad			of Citizenship:		
	Post Office Address: 199 Barrow Crescent, Kanata, Ontario, Canada, K2L 2K9					
	Full Name of Seventh Inventor (if any):	Signature of Seventh Inventor:		Date:		
	Residence Address:	Country		of Citizenship:		
	Post Office Address:					
	Full Name of Eighth Inventor (if any):	Signature of Eighth Inventor:		Date:		
	Residence Address:		Country	of Citizenship:		
	Post Office Address:					
	Full Name of Ninth Inventor (if any):	Signature of Ninth Inventor:		Date:		
	Residence Address:		Country of Citizenship:			
	Post Office Address:					
ŭ [Full Name of Tenth Inventor (if any):	Signature of Tenth Inventor:		Date:		
	Residence Address:		Country	Country of Citizenship:		
	Post Office Address:					
	Full Name of Eleventh Inventor (if any):	Signature of Eleventh Inventor:		Date:		
	Residence Address:		Country o	of Citizenship:		
- [Post Office Address:					
	full Name of Twelfth Inventor (if any): Signature of Twelfth Inventor:			Date:		
İ	Residence Address:		Country of	of Citizenship:		
į	Post Office Address:					
	Full Name of Thirteenth Inventor (if any):	Signature of Thirteenth Inventor:		Date:		
	Residence Address:		Country	of Citizenship:		
Ī	ost Office Address:					